

ABSTRACT OF THE DISCLOSURE

The system for measuring choke position includes a choke position indicator; a choke adapted to control the flow of high pressure fluids during completion of a well, wherein the distance between the choke's gate to the choke's seat determines the amount of high pressure fluids that pass through the choke; a magnet mounted on the choke actuator shaft; a magneto/hall device mounted to the stationary housing for sensing the location of the magnet as the choke actuator shaft moves and providing an analog signal; a power wire connecting the magneto/hall device to a power source; a ground wire to ground the magneto/hall device; an analog-to-digital converter for receiving and converting the analog signal to a digital signal; and a processor in for converting the digital signal into choke shaft positions and transmitting the choke shaft positions to the choke position indicator.